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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/716,444

11/20/2003

Gi Hyeong Do

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08/18/2006

MCKENNA LONG & ALDRIDGE LLP
1900 K STREET, NW
WASHINGTON, DC 20006

EXAMINER

GRAVINI, STEPHEN MICHAEL

ART UNIT

PAPER NUMBER

3749

DATE MAILED: 08/18/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/716,444

Applicant(s)

DO, GI HYEONG

Examiner

Stephen Gravini

Art Unit

3749

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 21 July 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim Rejections - 35 USC § 102

Claims 1-2, 4, and 6-8 are rejected under 35 U.S.C. 102(e) as being clearly anticipated Prajescu et al. (US 6,739,069) .

Claim 9 is rejected under 35 U.S.C. 102(b) as being clearly anticipated Ikeda et al. (US 5,454,171) .

Claim Rejections - 35 USC § 103

Claims 3 and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Prajescu in view of Sung (US 5,245,764). Prajescu is considered to clearly anticipate the claimed invention, except for the claimed predetermined temperature value and motor stoppage step. First, it would have been an obvious matter of design choice to claim the predetermined temperature value, since that value has not been shown to have any patentable advantage over the temperature values found in the prior art of record. Second, it considered that Sung, another dryer, discloses the claimed motor stoppage step at column 7 line 17. It would have been obvious to one skilled in the art to combine the teachings of Prajescu, with the teachings of a motor stoppage step, considered to be found in Sung for the purpose of allowing forced cool air circulation for drying clothes without the excessive heat that would cause damage to desired laundry cleanings.

Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ikeda. Ikeda is considered to anticipate the claimed invention, except for the claimed predetermined temperature value. It would have been an obvious matter of design choice to claim a predetermined temperature value, since that value has not been shown to have any patentable advantage over the temperature values found in the prior art of record.

Claims 11-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ikeda in view Souza (US 5,161,314). Ikeda is considered to disclose each of the claimed elements as rejected above, except for the claimed step of driving an exhaust fan during the cooling procedure. Souza, another laundry dryer, is considered to disclose a step of driving an exhaust fan during the cooling procedure on the face of that reference. It would have been obvious to one skilled in the art to combine the teachings of Ikeda, with the step of driving an exhaust fan during the cooling procedure as disclosed by Souza, for the purpose of cooling laundry within a dryer during a laundering operation to prevent scorching or overheating through a substantial linear decrease in temperature over time

Double Patenting

Claims 1-13 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-15 of U.S. Patent No. 6,983,552 in view of claims 1-11 of U.S. Patent No. 6,775,923. Although the conflicting claims are not identical, they are not patentably distinct from each other because assignee's '552 patent, another laundry dryer, claims moisture measurement instead of

sensing temperature, while assignee's '923 patent claims sensing temperature, as claimed in the present application. It would have been obvious to one skilled in the art to combine the patented moisture measurement with the patented temperature sensing for the purpose of cooling procedure laundry items within a drying environment to prevent damage to the articles to be dried.

Response to Amendments

Applicant's amendments filed in response to a recent application interview have been fully considered but are considered moot in view of a new search necessitated by the changed scope of the claimed invention.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen Gravini whose telephone number is 571 272 4875. The examiner can normally be reached on normal weekday business hours (east coast time).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ehud Gartenberg can be reached on 571 272 4828. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

SMG
August 14, 2006

Stephen Ghoni